

QUARTERLY DIE-OFF REPORT
July-September 1982
National Wildlife Health Laboratory

| Location | Date | Principal species | Mortality* | Principal cause of mortality |
|-----------------------|---------------|---------------------------------|--------------------------------|---|
| Chincoteague, VA | Spring-summer | Waterfowl (captive) | 38 ^m | Botulism C |
| Tulare Lake, CA | 5/21-cont. | Waterfowl, shorebirds | 13,355 ^m | Botulism C |
| Jamaica Bay, NY | 5/24-9/30 | Gulls, waterfowl, waterbirds | 268 ^m | Botulism C, aspergillosis, salmonellosis, parasitism |
| Broadview Marsh, MT | 6/22-9/17 | Waterfowl, coots | 642 ^m | Powerline strikes, botulism C |
| Horicon NWR, WI | 7/1-9/18 | Waterfowl, coot | 1,118 ^m | Botulism C |
| Washington, DC | 7/16-8/2 | Waterfowl | 30-40 ^e | Botulism C |
| Medicine Lake NWR, MT | 7/23-9/17 | Waterfowl, coot | 5,050 ^m | Botulism C |
| Devil's Lake, ND | late Jul-8/13 | Ducks, coot | couple hundred ^e | Botulism C |
| Boston, MA | August | Ducks (captive) | 15 ^m | Botulism C ¹ |
| Malheur NWR, OR | Aug-Sept | Waterfowl | 300 ^e | Suspect botulism C ² |
| Long Beach, WA | 8/2-8/4 | Common murre | 400 ^e | Starvation |
| Ottawa Co., OH | 8/2-8/6 | Gulls, waterfowl | 13 ^m | Botulism C |
| Speidel Marsh, MT | 8/3-9/23 | Waterfowl, coot | 2,987 ^m | Botulism C |
| Market Lake WMA, ID | 8/5-9/16 | Waterfowl, coot | 750 ^m | Botulism C |
| Bear River, UT | 8/5-cont. | Waterfowl, shorebirds | 22,500 ^e | Botulism C |
| Severna Park, MD | 8/6 | Mallards | few ^m | Botulism C |
| Agassiz NWR, MN | 8/24-8/30 | Waterfowl | 100 ^m | Botulism C |
| Brigantine NWR, NJ | 8/24 | Ducks | 3 ^m | Unknown |
| Gray's Lake NWR, ID | 9/2-9/3 | Yellow-headed blackbirds | 10 ^m | Strychnine |
| Fort Hall, ID | 9/14 | Waterfowl | 75 ^m | Botulism C |
| Sutter NWR, CA | 9/15-cont. | Waterfowl | 319 ^m | Botulism C |
| Lake Mason, MT | 9/15 | Waterfowl | 150 ^e | Botulism C |
| San Francisco, CA | 9/16 | Murres, cormorants, gulls | 122 ^m | Pending |
| St Croix River, ME | 9/17 | Herring gulls | 6 ^m | Aspergillosis |
| Downs, KS | 9/20 | White pelicans | 65 ^m | Botulism C |
| Fairfield, NC | 9/21 | Waterfowl | 10 ^m | Suspect aflatoxicosis |

*^m = minimum mortality
e = estimated mortality

1 Source of information: Franklin Park Zoo, Boston, MA.
2 Carcasses not examined.

For more information contact: Epizootiologist
National Wildlife Health Laboratory